



Socket No.: 067234-0056

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chee, Mark S., et al.

Appl. No. : 09/513,362

Filed : February 25, 2000

Title : NUCLEIC ACID SEQUENCING
USING MICROSPHERE ARRAYS

Grp./A.U. : 1637

Examiner: : T. Strzelecka

**RESPONSE UNDER 37 CFR 1.116
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Lorraine Smith

SUBMISSION UNDER 37 CFR 1.114

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Sir:

Responsive to the Office Action mailed February 21, 2006, and Advisory Action mailed May 1, 2006, entry of the amendments below and consideration of the following remarks is respectfully requested.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 9 of this paper.